

Serial No.: 09/420,092
Filing Date: 18 October 1999

AMENDMENT

In the Claims:

Claims 2-9 are cancelled with traverse for reasons of record.

Please cancel Claim 1, without prejudice, disclaimer, or admission.

Please add the following new claims:

10. A method for screening for a bioactive agent capable of binding a protein, comprising:

- a) combining said protein and a candidate bioactive agent; and
- b) determining the binding of said candidate agent to said protein;

wherein said protein comprises an amino acid sequence having at least about 95% identity to the amino acid sequence set forth in SEQ ID NO:2.

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11. A method of screening for a bioactive agent capable of modulating the binding of PCNA and p21, comprising:

- a) combining PCNA, p21, a candidate bioactive agent, and a protein;
- b) determining the binding of p21 to PCNA in the presence and absence of candidate agent;

wherein said protein comprises an amino acid sequence having at least about 95% identity to the amino acid sequence set forth in SEQ ID NO:2.

12. A method of screening for a bioactive agent capable of modulating the binding of PCNA and p21, comprising:

- a) combining PCNA, p21, a candidate bioactive agent, and a protein;
- b) determining the binding of PCNA to said protein in the presence and absence of candidate agent;

wherein said protein comprises an amino acid sequence having at least about 95% identity to the amino acid sequence set forth in SEQ ID NO:2.

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13. A method of screening for a bioactive agent capable of modulating DNA synthesis, comprising:

- a) combining PCNA, p21, a candidate bioactive agent, and a protein; and
- b) determining the binding of p21 to PCNA in the presence and absence of candidate agent;

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wherein said protein comprises an amino acid sequence having at least about 95% identity to the amino acid sequence set forth in SEQ ID NO:2.

14. A method of screening for a bioactive agent capable of modulating DNA synthesis, comprising:

- a) combining PCNA, p21, a candidate bioactive agent, and a protein; and
- b) determining the binding of PCNA to said protein in the presence and absence of candidate agent;

wherein said protein comprises an amino acid sequence having at least about 95% identity to the amino acid sequence set forth in SEQ ID NO:2.

REMARKS

Claims 2-9 have been canceled with traverse for reasons of record. Claim 1 has been canceled without prejudice, disclaimer, or admission. Claims 10-14 have been added, and consideration of these new claims is respectfully requested. Favorable consideration of the following remarks concerning the outstanding rejections as they pertain to the new claims is requested.

Attached hereto is a marked-up version of the changes made to the specification, drawings, and claims by the current Amendment. The attached page is captioned "Version with Markings to Show Changes Made."